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Whitehead et al.

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(54) **DUAL CAMERA FIFTH WHEEL SYSTEM
AND METHOD**

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This patent is subject to a terminal dis-
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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

A dual camera system for viewing a coupling of a hitch to a trailer, such as on a semi tractor truck, includes two video cameras. Two doors that open automatically by arms and linkages expose the video cameras when the vehicle is shifted into reverse. A split screen view is shown to the driver rearward toward the trailer and forward toward the hitch plate. The arms and linkages automatically close the doors after the vehicle is shifted out of reverse, such as after a delay that permits the driver to determine if the hitch latch is secure. The linkages are sliding linkages with a spring so that the doors can be opened manually for cleaning the lenses of the cameras.

12 Claims, 11 Drawing Sheets

